

L Number	Hits	Search Text	DB	Time stamp
1	4	(drilling adj fluid) and (crumb adj rubber)	USPAT; US-PGPUB; EPO; DERWENT	2004/05/06 11:02
2	0	(well adj fluid) and (crumb adj rubber)	USPAT; US-PGPUB; EPO; DERWENT	2004/05/06 11:02
3	0	(well adj working adj fluid) and (crumb adj rubber)	USPAT; US-PGPUB; EPO; DERWENT	2004/05/06 11:04
4	2	(507/\$3).ccls. and (crumb adj rubber)	USPAT; US-PGPUB; EPO; DERWENT	2004/05/06 11:04
5	1	(507/\$3).ccls. and (crumb adj rubber)	USOCR	2004/05/06 11:04

* * * * * * * * * * * Welcome to STN International * * * * * * * * * * *

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|---------------------|-----------|--|
| <u>NEWS</u> | <u>1</u> | Web Page URLs for STN Seminar Schedule - N. America |
| <u>NEWS</u> | <u>2</u> | "Ask CAS" for self-help around the clock |
| <u>NEWS</u> | <u>3</u> | JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable |
| <u>NEWS</u> | <u>4</u> | JAN 27 A new search aid, the Company Name Thesaurus, available in CA/CAplus |
| <u>NEWS</u> | <u>5</u> | FEB 05 German (DE) application and patent publication number format changes |
| <u>NEWS</u> | <u>6</u> | MAR 03 MEDLINE and LMEDLINE reloaded |
| <u>NEWS</u> | <u>7</u> | MAR 03 MEDLINE file segment of TOXCENTER reloaded |
| <u>NEWS</u> | <u>8</u> | MAR 03 FRANCEPAT now available on STN |
| <u>NEWS</u> | <u>9</u> | MAR 29 Pharmaceutical Substances (PS) now available on STN |
| <u>NEWS</u> | <u>10</u> | MAR 29 WPIFV now available on STN |
| <u>NEWS</u> | <u>11</u> | MAR 29 No connect hour charges in WPIFV until May 1, 2004 |
| <u>NEWS</u> | <u>12</u> | MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA |
| <u>NEWS</u> | <u>13</u> | APR 26 PROMT: New display field available |
| <u>NEWS</u> | <u>14</u> | APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field available |
| <u>NEWS</u> | <u>15</u> | APR 26 LITALERT now available on STN |
| <u>NEWS</u> | <u>16</u> | APR 27 NLDB: New search and display fields available |
| <u>NEWS EXPRESS</u> | | MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004 |
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FILE COVERS 1907 - 6 May 2004 VOL 140 ISS 19
 FILE LAST UPDATED: 5 May 2004 (20040505/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s drilling fluid and crumb rubber
    27283 DRILLING
    351588 FLUID
    5754 DRILLING FLUID
        (DRILLING(W) FLUID)
    2681 CRUMB
    314309 RUBBER
    315 CRUMB RUBBER
        (CRUMB(W) RUBBER)
L1      1 DRILLING FLUID AND CRUMB RUBBER
```

=> d 11

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

| | |
|-----------|-------------------|
| Full Text | Citing References |
|-----------|-------------------|

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AN 1968:97240 CAPLUS
DN 68:97240
TI Use of higher fatty alcohols as antifoaming agents during the drilling of oil wells
AU Rudi, V. P.; Sklyarskaya, L. B.; Emchuk, D. B.
CS Chernovits. Gos. Univ., Chernovtsy, USSR
SO Izvestiya Vysshikh Uchebnykh Zavedenii, Neft i Gaz (1968), 11(1), 109-11
CODEN: IVUNA2; ISSN: 0445-0108
DT Journal
LA Russian
```

=> d 11 abs

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

| | |
|--------|------------|
| Citing | References |
|--------|------------|

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AB In lab. tests using mineralized solns. contg. 10% calcined sulfite and brewers' waste (KSSB), a 20% soln. of a com. mixt. of synthetic fatty alcs. (C7 1.3, C8 7.4, C9 15.4, C10 23, C11 26, C12 18.2, and C13-16 8.7%) in diesel oil was superior (in terms of gas content of the soln.) to crumb rubber and fusel oil as an antifoaming agent. In field tests using mud-chalk solns. treated with KSSB and CM-cellulose, and petroleum and graphite to reduce stickiness, the addn. of a small amt. (0.3-0.5% by vol.) of the 20% soln. to the drilling fluid prevented foaming in drilling a well for 20-5 days without decreasing the fluid d. or impairing the operation of the pumps.
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=> s well fluid and crumb rubber

```
1506942 WELL
    351588 FLUID
    490 WELL FLUID
        (WELL(W) FLUID)
    2681 CRUMB
    314309 RUBBER
    315 CRUMB RUBBER
        (CRUMB(W) RUBBER)
L2      0 WELL FLUID AND CRUMB RUBBER
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